

Title (en)
TARGETED SEQUENCE ADDITION

Title (de)
GEZIELTE SEQUENZADDITION

Title (fr)
ADDITION DE SÉQUENCE CIBLÉE

Publication
EP 4225914 A1 20230816 (EN)

Application
EP 21785919 A 20211006

Priority
• EP 20200254 A 20201006
• US 202063118781 P 20201127
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Abstract (en)
[origin: WO2022074058A1] The invention pertains to a method for labelling a target nucleic acid fragment using a combination of a site-specific nuclease and a reverse transcriptase. The labelling results in the addition of a specific nucleotide sequence to at least one free 3'-end of the target nucleic acid fragment. The invention further relates to a method for determining the sequence of the target nucleic acid fragment as well as construct and kit for use in the method of the invention.

IPC 8 full level
C12N 15/113 (2010.01); **C12Q 1/6806** (2018.01); **C12Q 1/6869** (2018.01)

CPC (source: EP US)
C12N 9/22 (2013.01 - US); **C12N 15/1093** (2013.01 - US); **C12Q 1/485** (2013.01 - US); **C12Q 1/6806** (2013.01 - EP US); **C12Q 1/6869** (2013.01 - EP); **C12N 2310/20** (2017.05 - US)

C-Set (source: EP)
1. **C12Q 1/6806** + **C12Q 2521/107** + **C12Q 2521/301** + **C12Q 2525/155** + **C12Q 2531/113** + **C12Q 2535/122** + **C12Q 2563/179**
2. **C12Q 1/6869** + **C12Q 2521/107** + **C12Q 2521/301** + **C12Q 2521/501** + **C12Q 2525/155** + **C12Q 2525/191** + **C12Q 2531/113** + **C12Q 2563/179**

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

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